

TARGETED STENT PLACEMENT AND MULTI-STENT THERAPY

Jianbo Zhou, et al.

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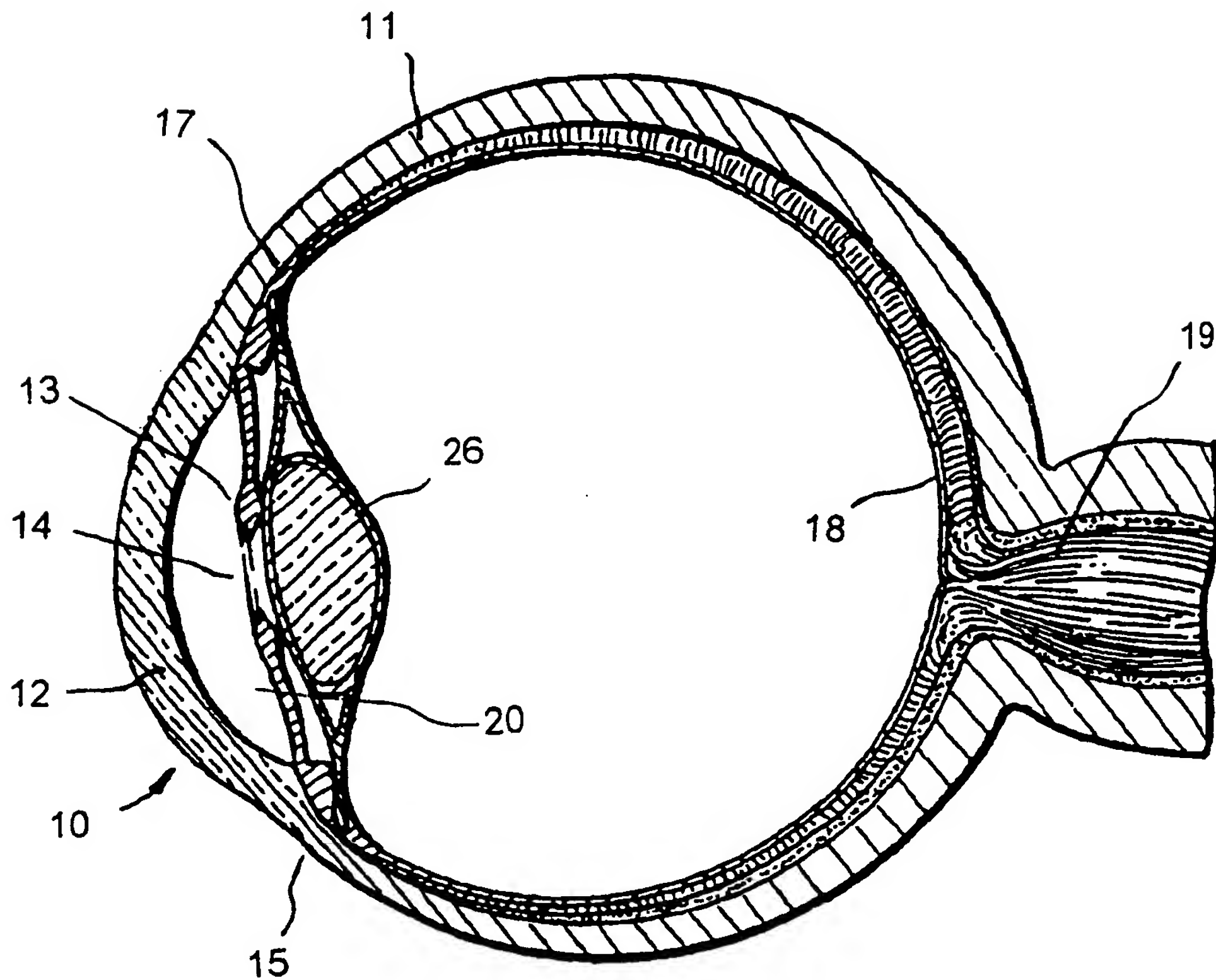


FIG. 1

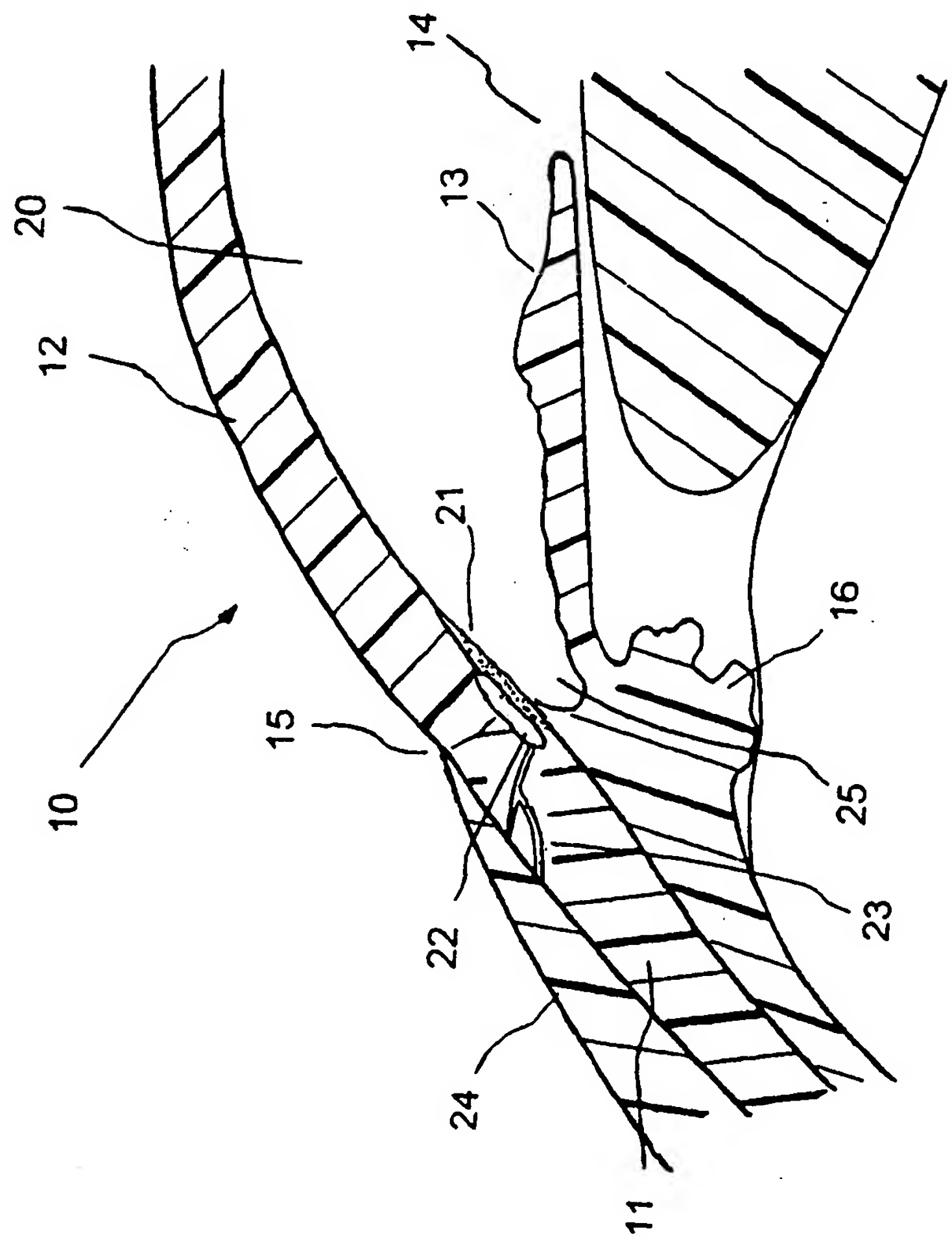


FIG. 2

Target Stent Placement

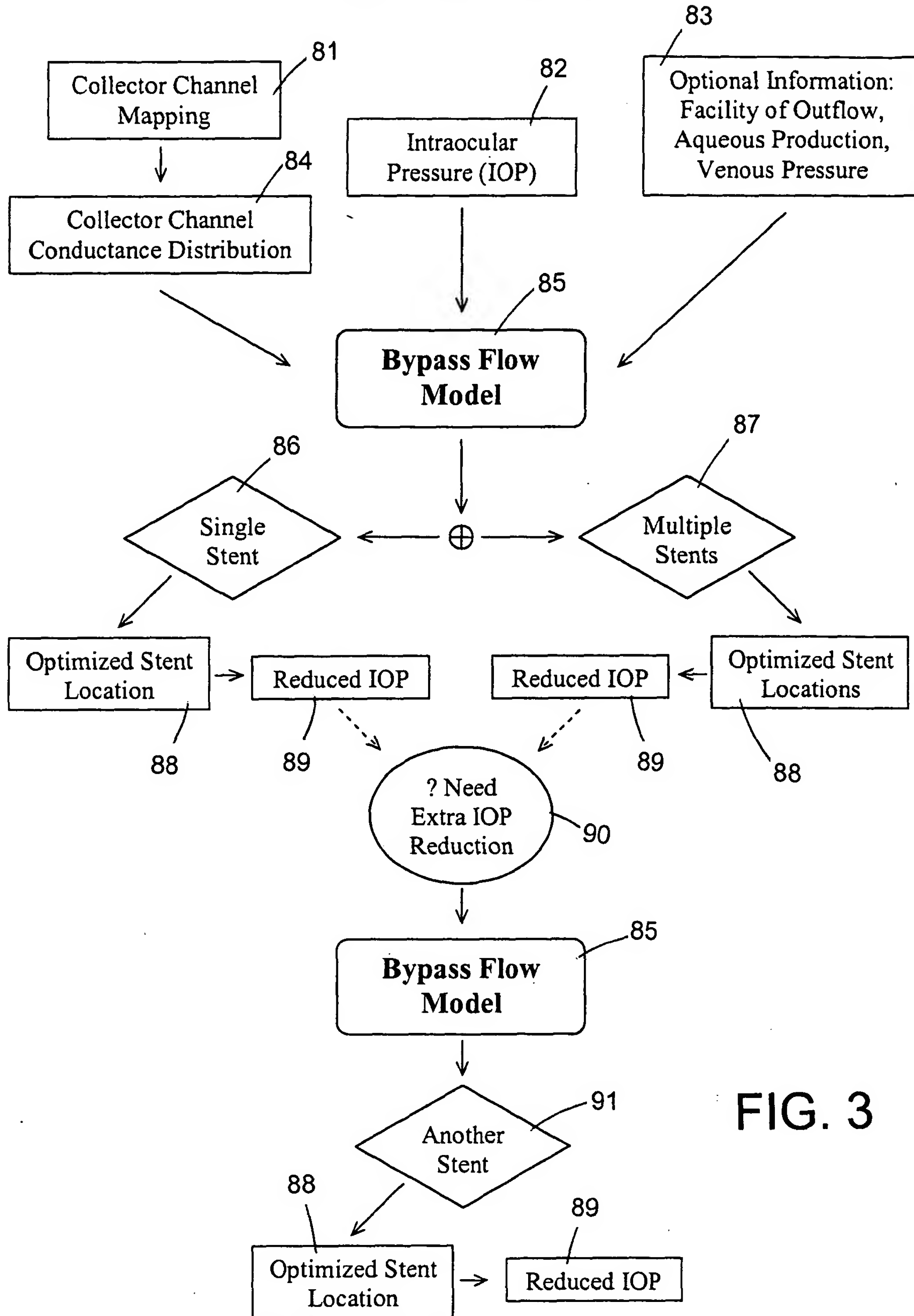
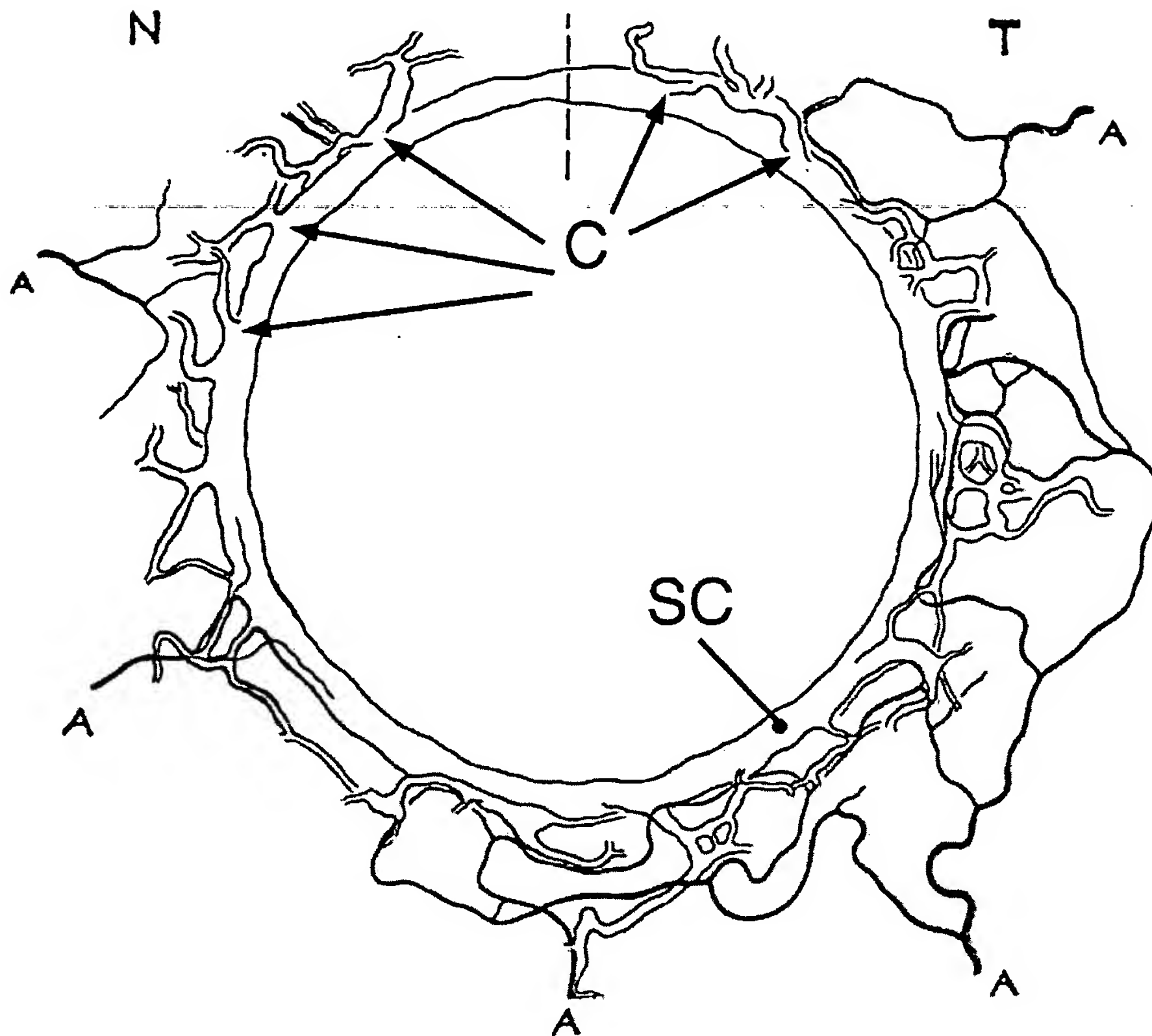


FIG. 3



Note: SC: Schlemm's canal, C: Collector channel,
A: Artery, N: Nasal, T: Temporal

FIG. 4

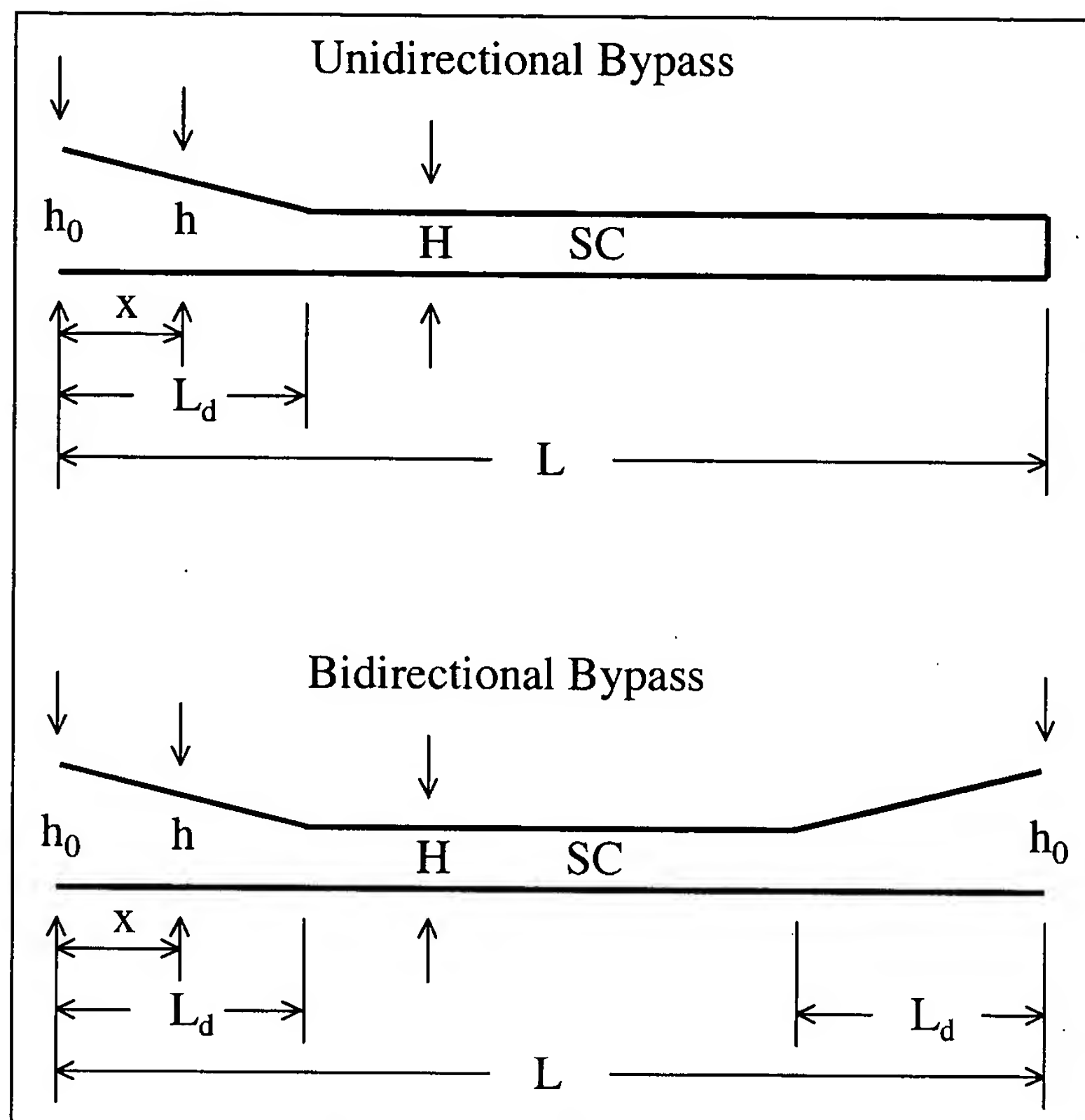


FIG. 5

IOP (mmHg)	15
Episcleral Venous Pressure (mmHg)	9
Conventional Outflow ($\mu\text{l}/\text{min}$)	2.4
Trabecular Meshwork Resistance ($\text{mmHg}/(\mu\text{l}/\text{min})$)	1.25
Collector Channel Resistance ($\text{mmHg}/(\mu\text{l}/\text{min})$)	1.25
Schlemm's Canal Resistance ($\text{mmHg}/(\mu\text{l}/\text{min})/\text{mm}$)	1
Facility of Outflow ($\mu\text{l}/\text{min}/\text{mmHg}$)	0.4
Length of Schlemm's Canal (mm)	36
Viscosity of Aqueous Humor (cP)	0.7193
Height of Schlemm's Canal (μm)	20
Width of Schlemm's Canal (μm)	230

FIG. 6. Average parameters for a normal eye with healthy trabecular meshwork

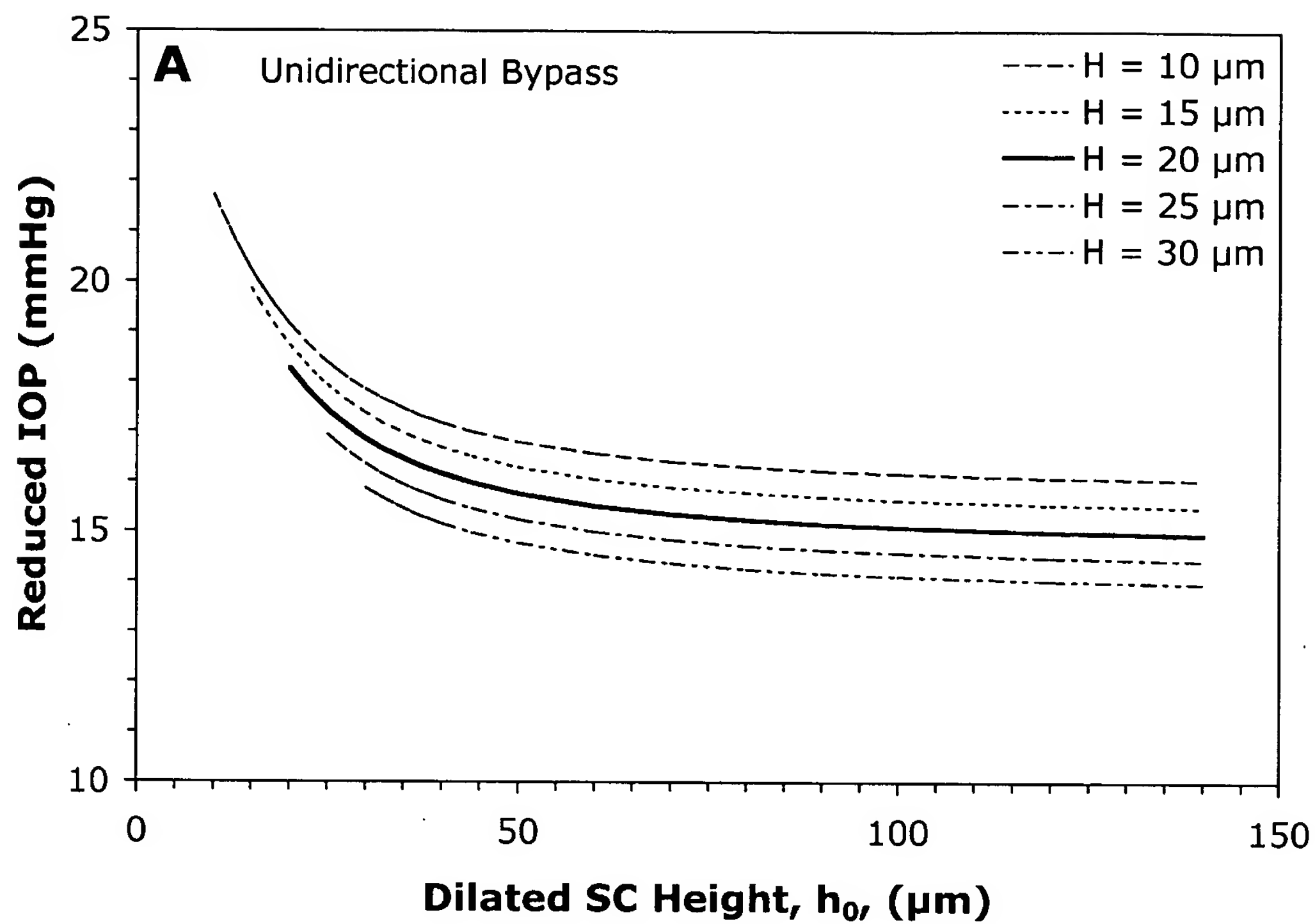


FIG. 7

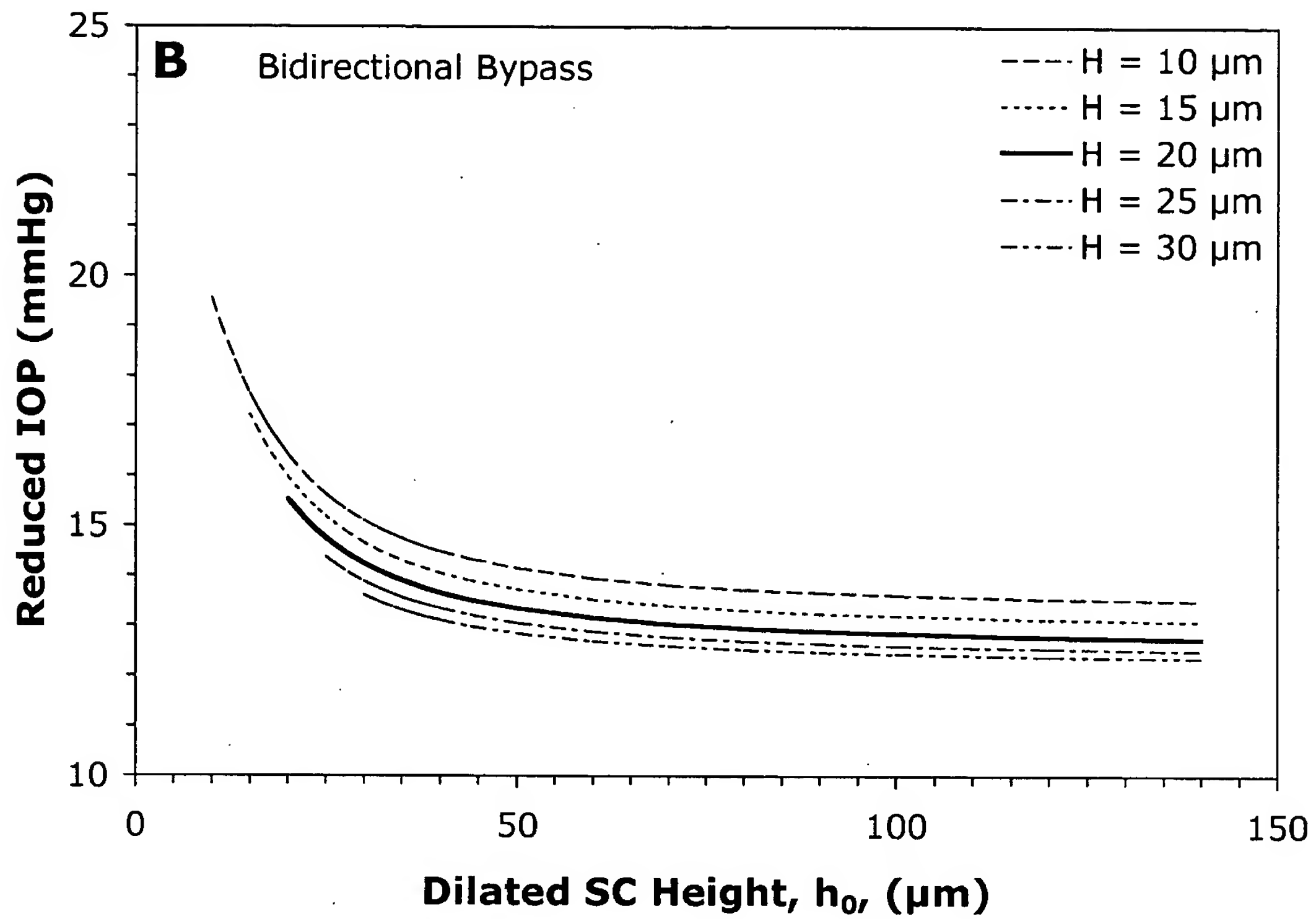


FIG. 8

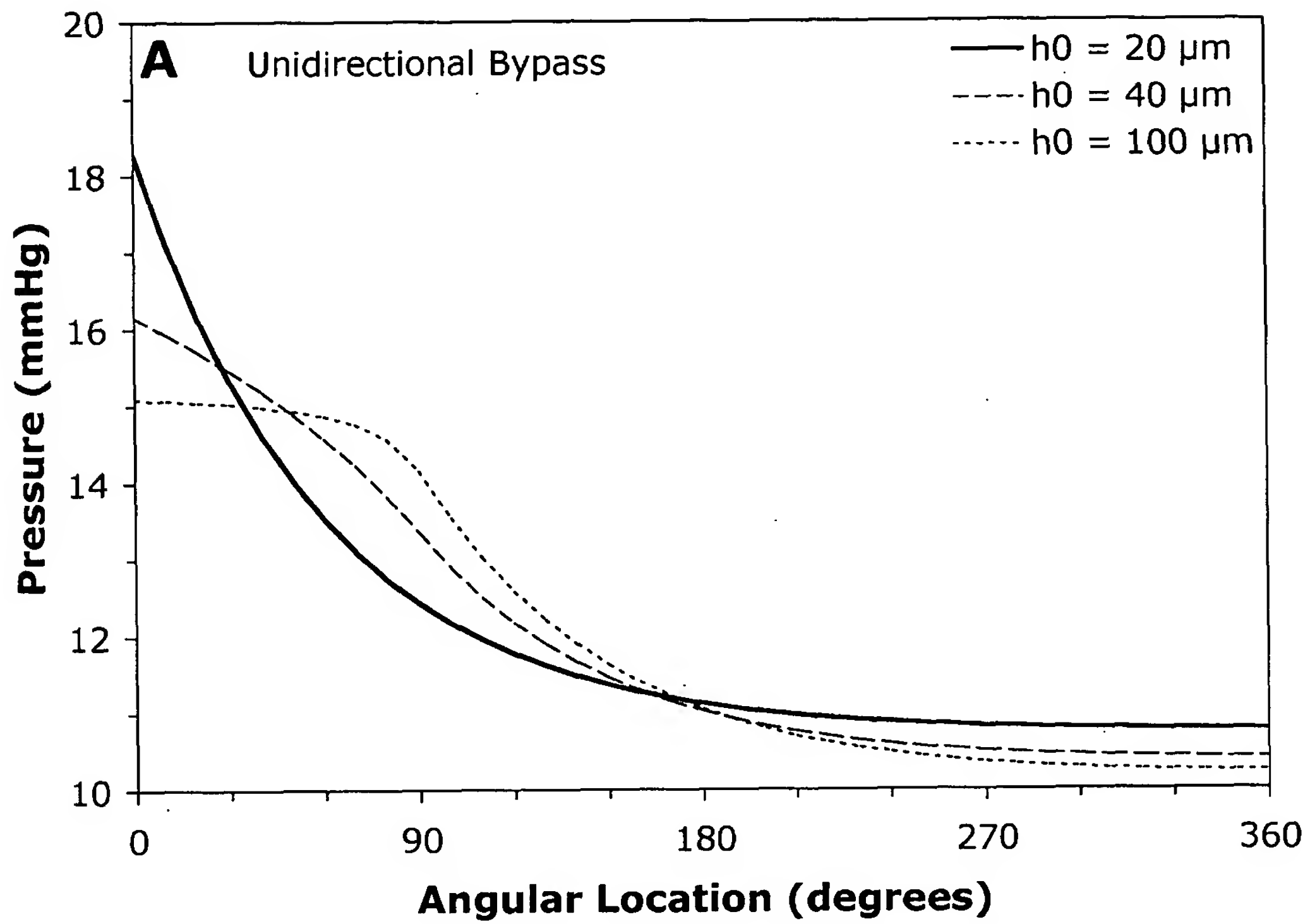


FIG. 9

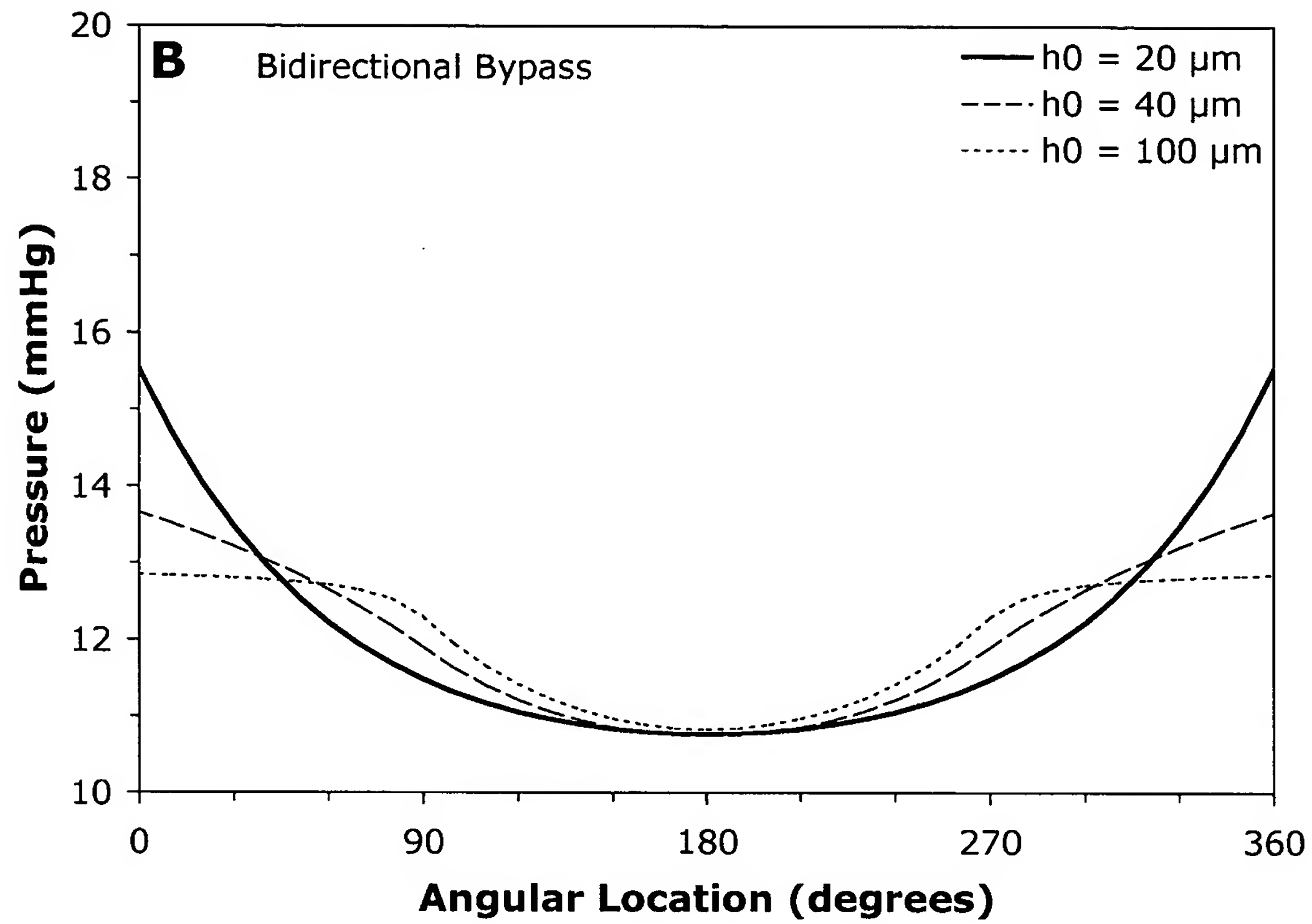


FIG. 10

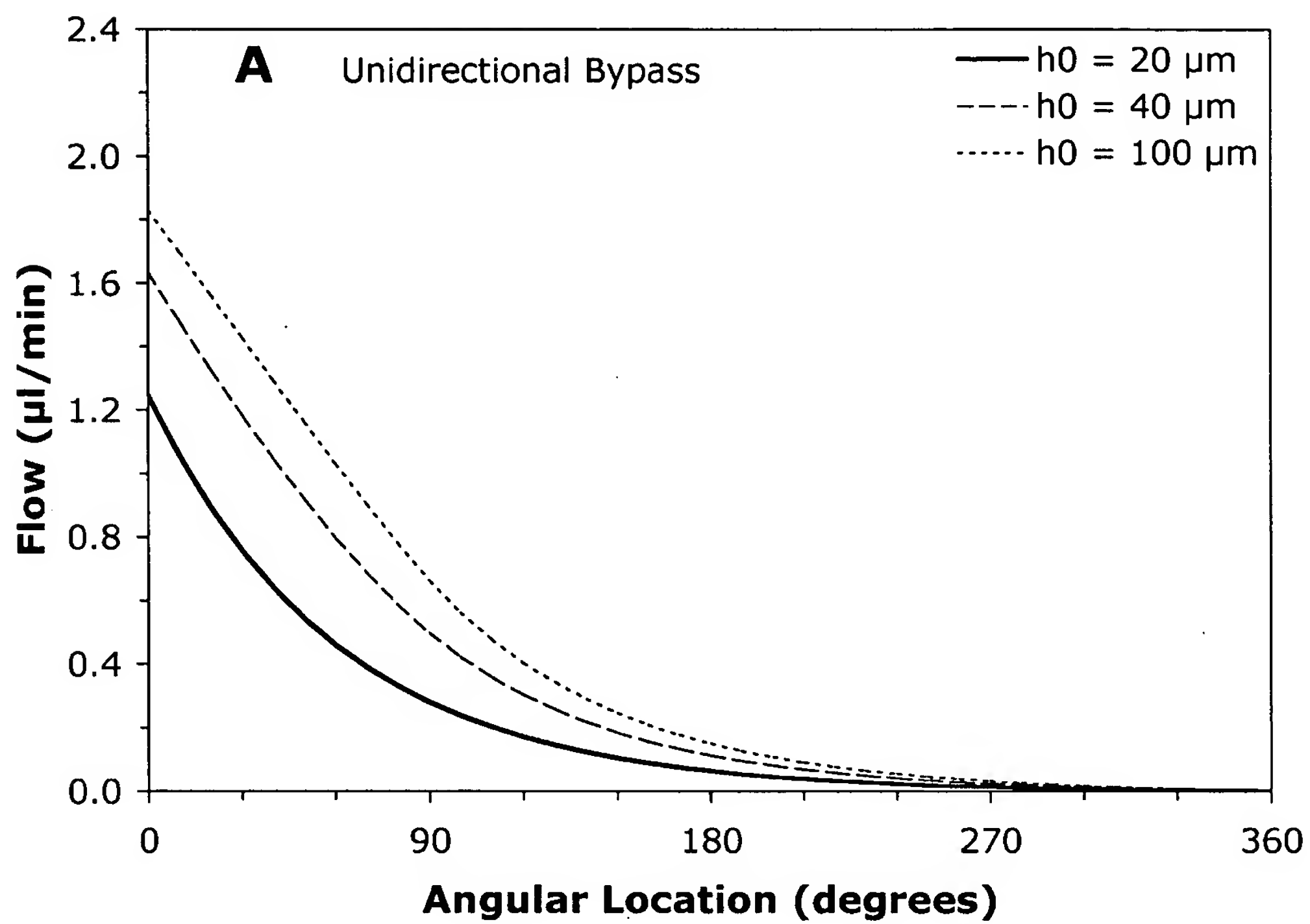


FIG. 11

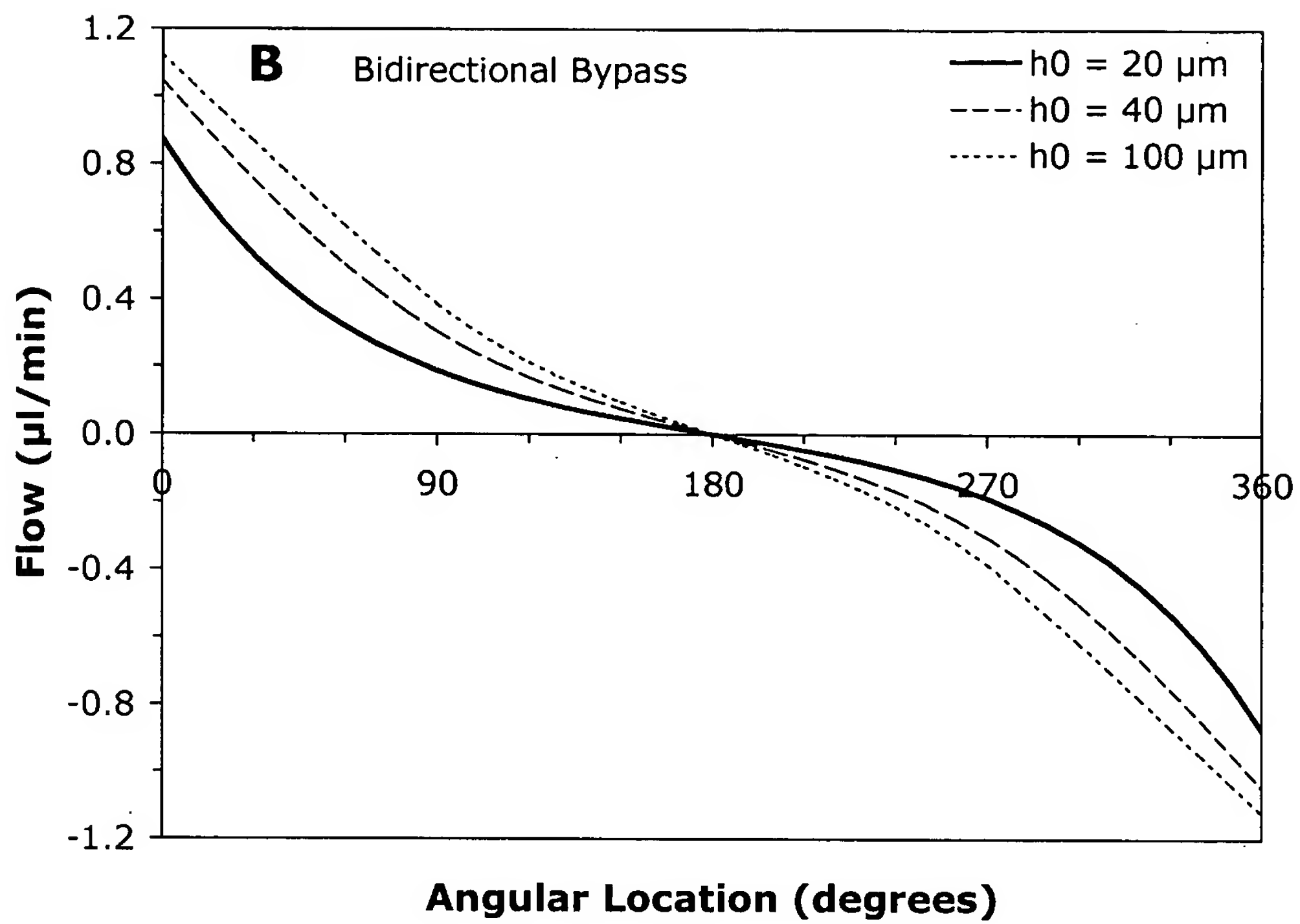


FIG. 12

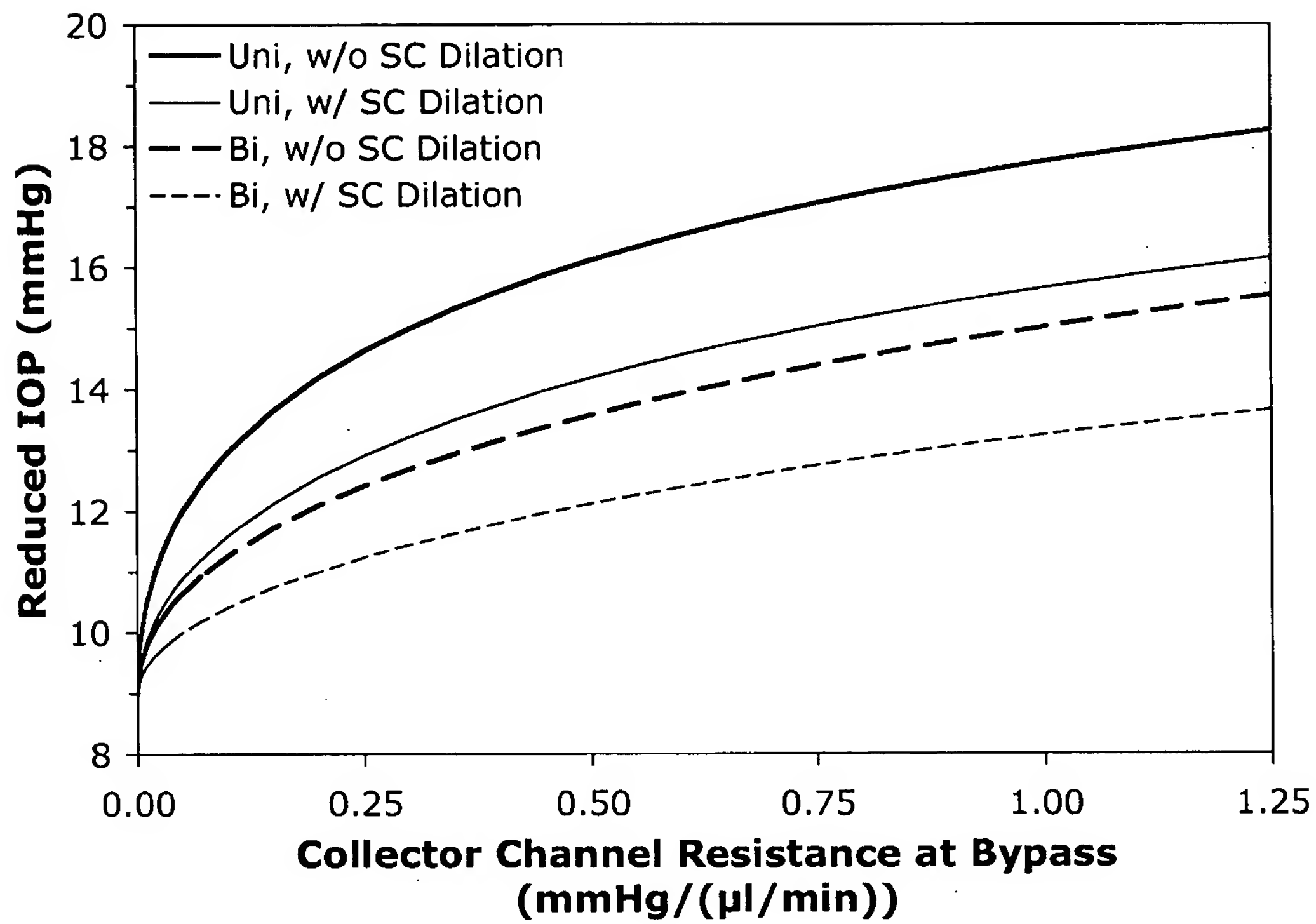


FIG. 13

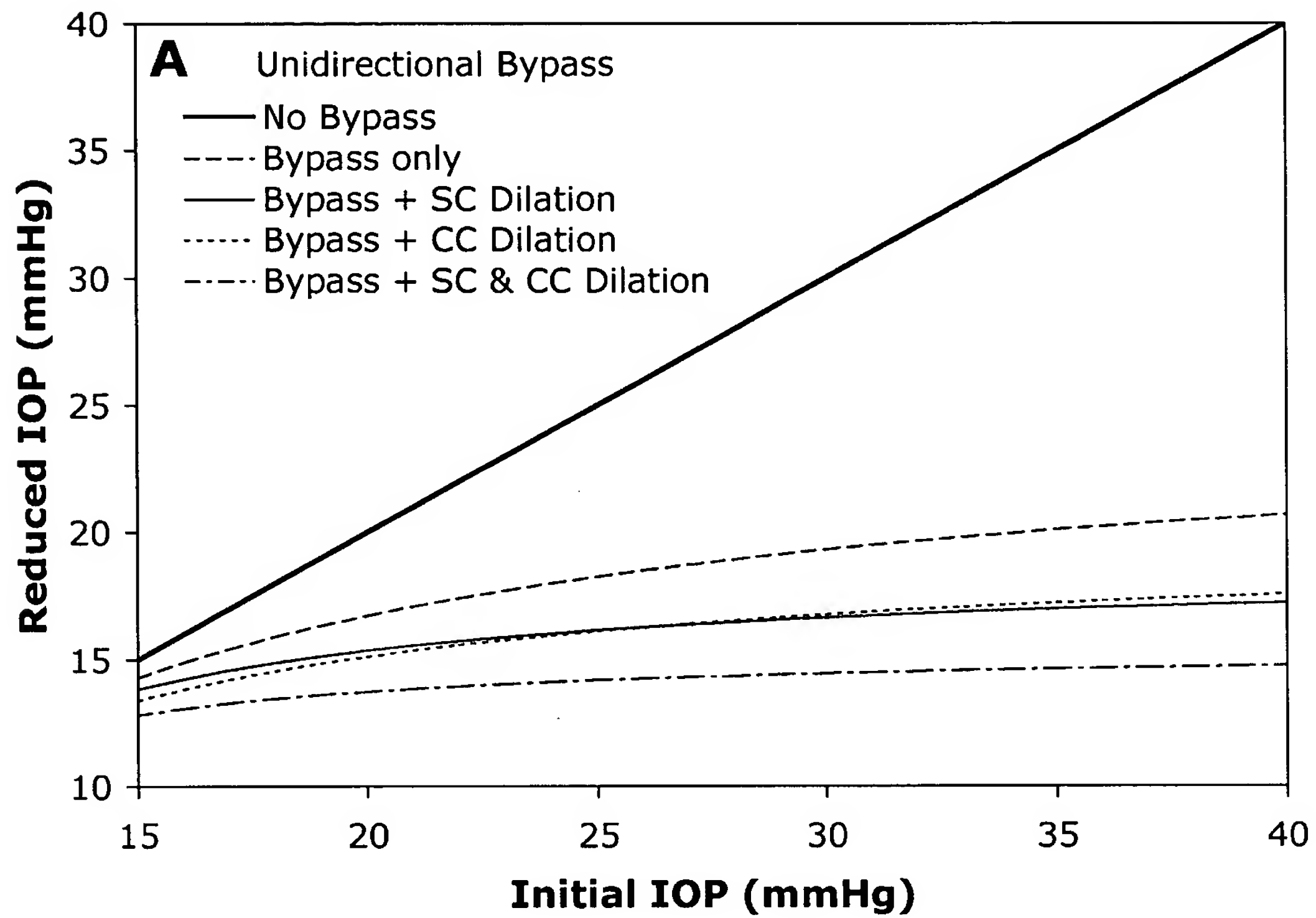


FIG. 14

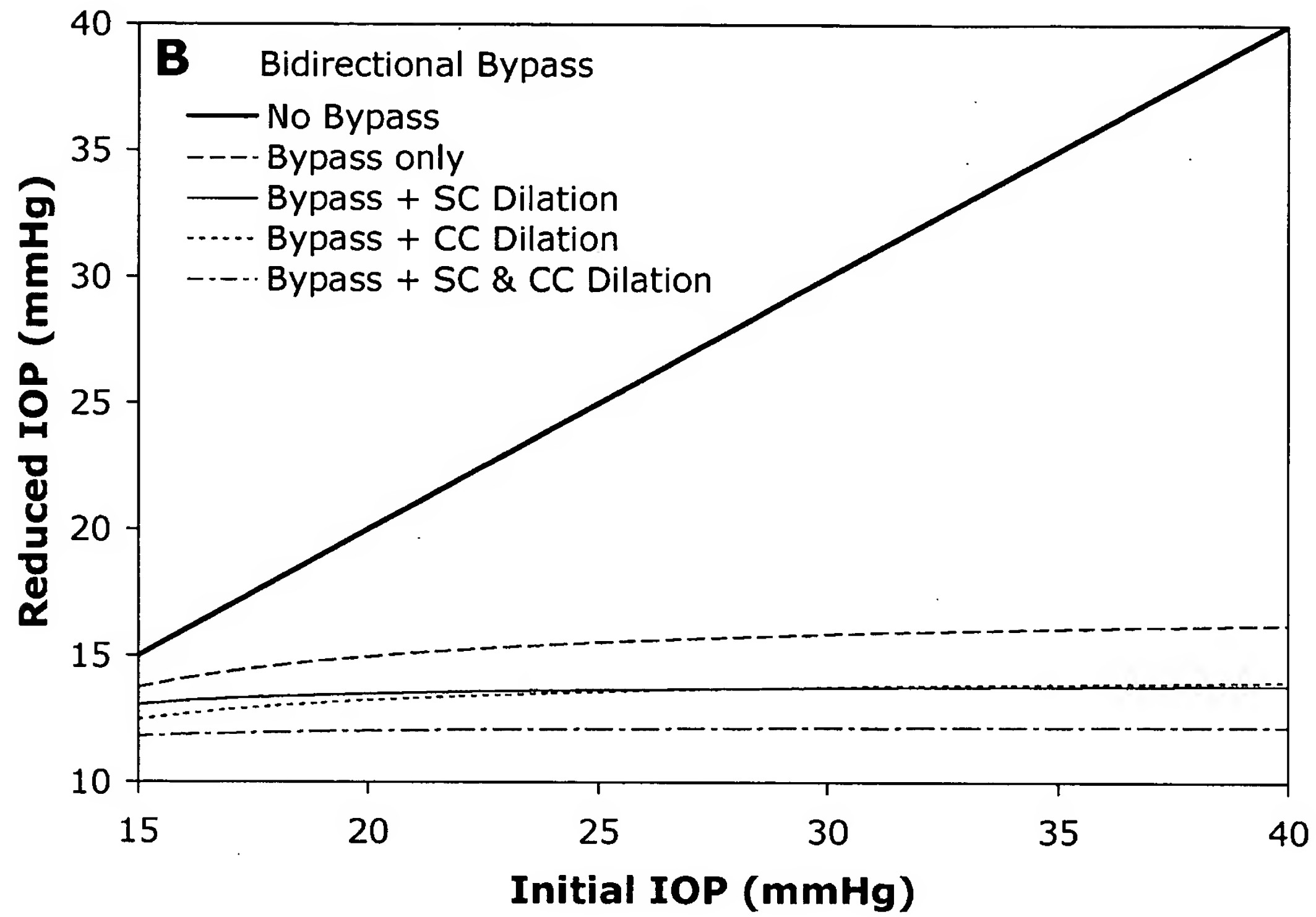


FIG. 15

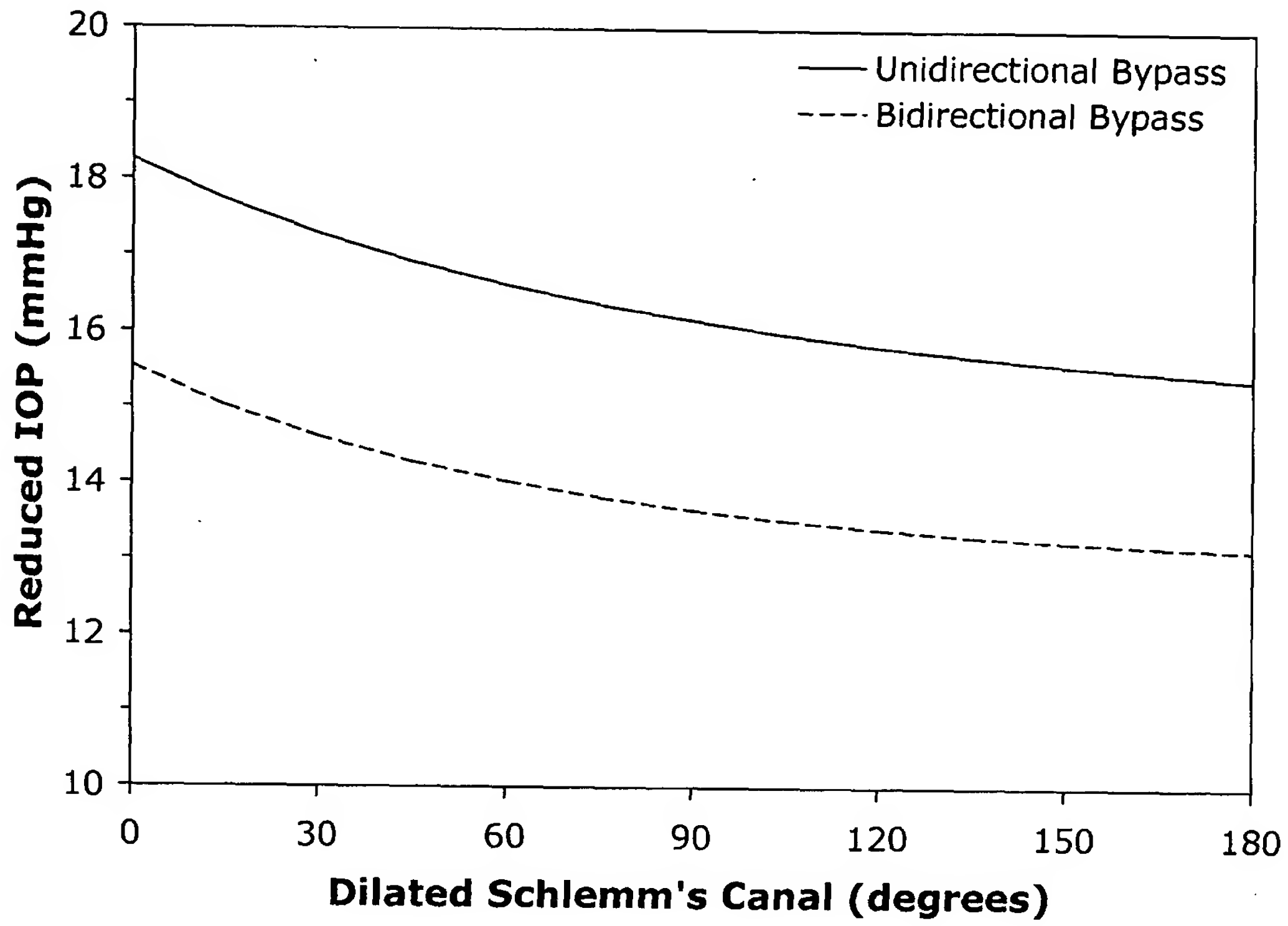


FIG. 16

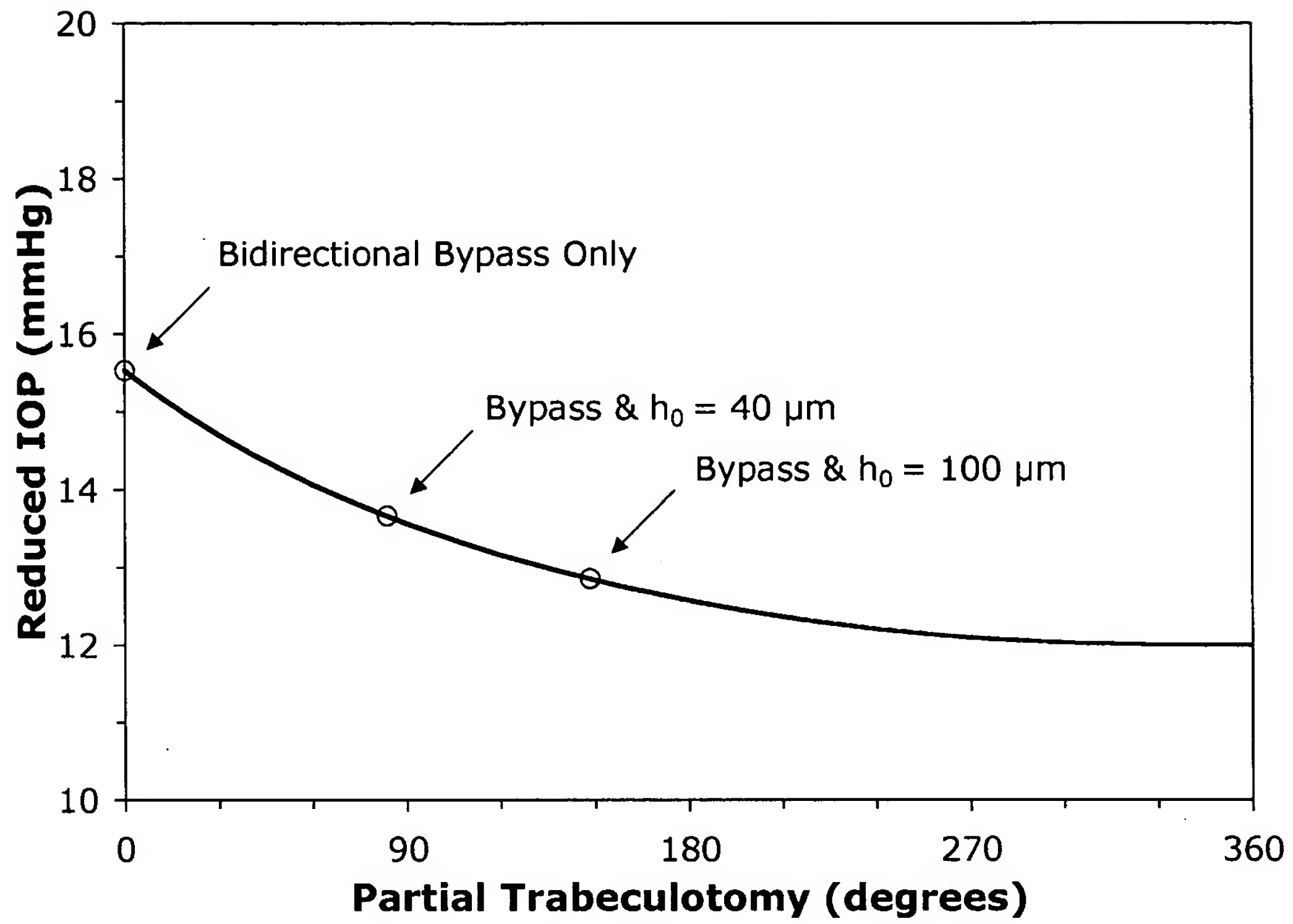


FIG. 17

Collector Channel Spatial Distribution (Derived from Theobald 1934, 1955 [3 eyes])

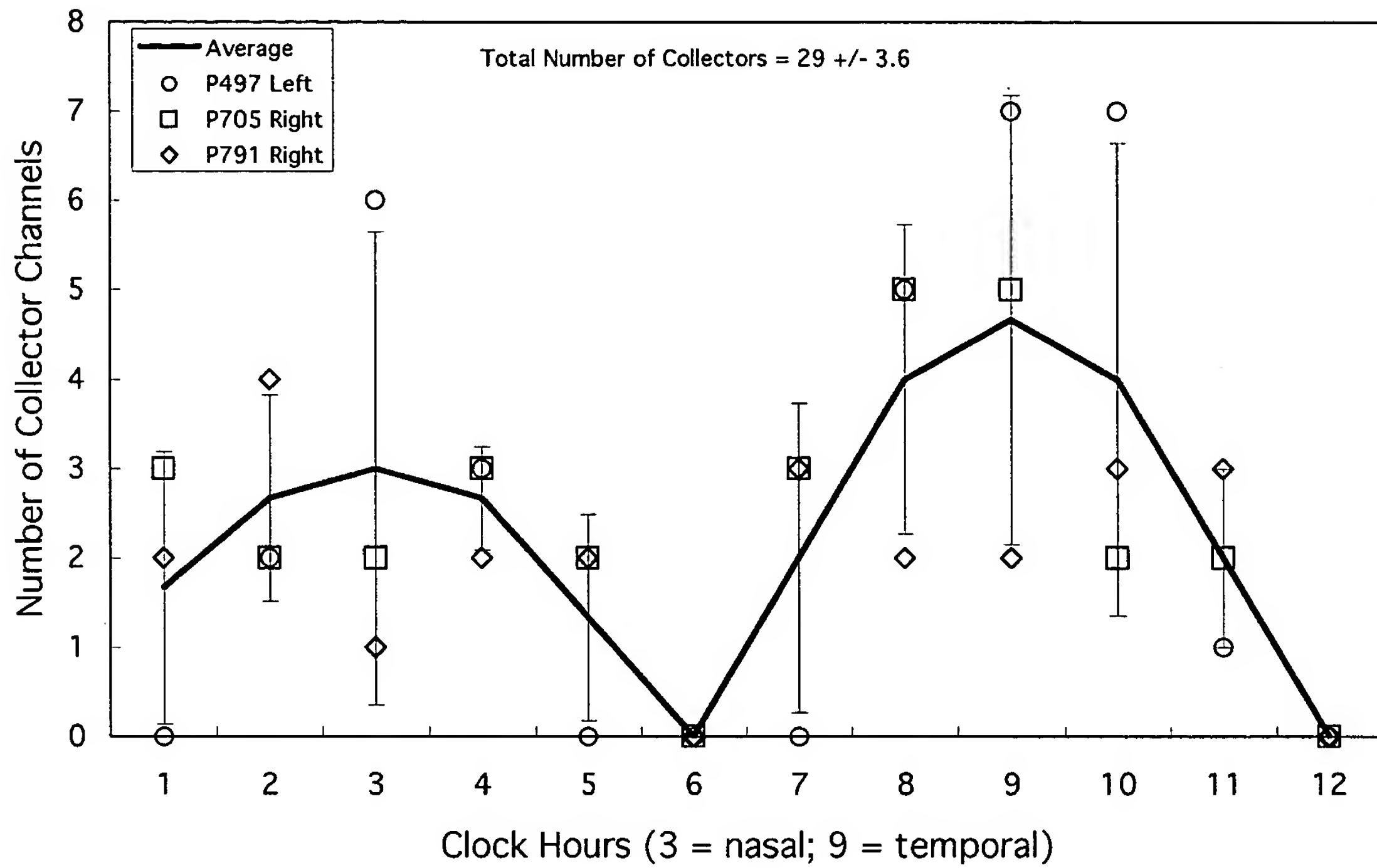


FIG. 18

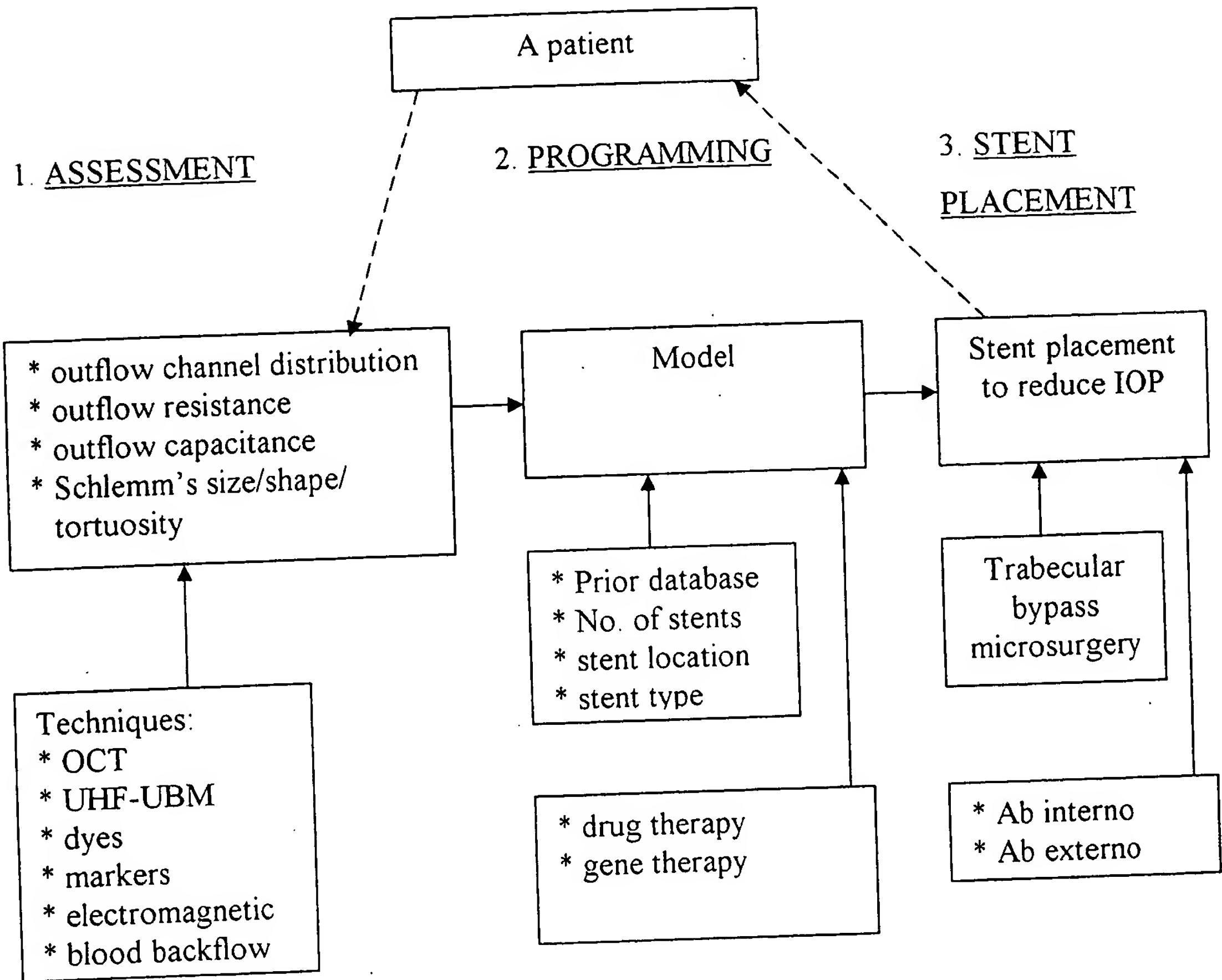


FIG. 19